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ABSTRACT OF THE DISCLOSURE

A tissue acquisition system includes radio frequency (RF) cutter loops which are extendable out a cannula to cut cylindrical tissue samples from a tissue of interest in a patient. The cannula includes inner and outer cannulae which are mutually rotatable and include cutouts through which the cutting loop can be rotated and longitudinally extended to perform the cuts. The tissue samples are then aspirated proximally through the cannula for collection.